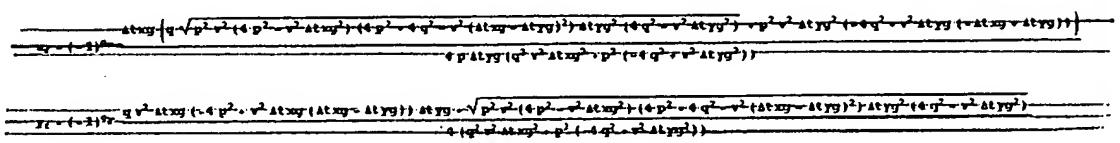
IN THE SPECIFICATION

Please replace the formula shown on page 5 of the specification as follows:



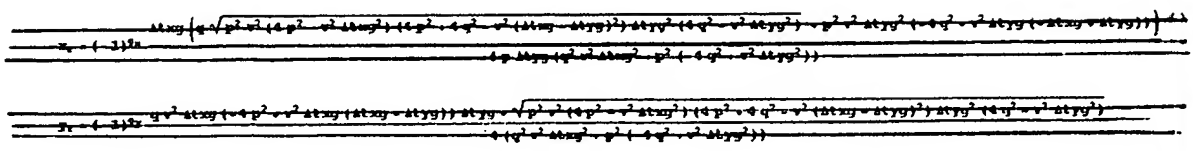
$$X_r = (-1)^{g_x} \frac{\Delta txg\left\{q\sqrt{p^2 v^2 (4p^2 - v^2 \Delta txg^2)(4p^2 + 4q^2 - v^2 (\Delta txg - \Delta tyg)^2)\Delta tyg^2 (4q^2 - v^2 \Delta tyg^2)}\right\}}{4p\Delta tyg\,(q^2 v^2 \Delta txg^2 + p^2 (-4q^2 + v^2 \Delta tyg^2))} +$$

$$(-1)^{g_x} \frac{\Delta txg\, p^2 v^2 \Delta tyg^2 (-4q^2 + v^2 \Delta tyg(-\Delta txg + \Delta tyg))}{4p\Delta tyg\,(q^2 v^2 \Delta txg^2 + p^2 (-4q^2 + v^2 \Delta tyg^2))}$$

$$Y_r = (-1)^{g_y} \frac{q\, v^2 \Delta txg\,(-4p^2 + v^2 \Delta txg\,(\Delta txg - \Delta tyg))\Delta tyg}{4(q^2 v^2 \Delta txg^2 + p^2(-4q^2 + v^2 \Ddot{A}tyg^2))} +$$

$$(-1)^{g_y} \frac{\sqrt{p^2 v^2 (4p^2 - v^2 \Delta txg^2)(4p^2 + 4q^2 - v^2 (\Delta txg - \Delta tyg)^2)\Delta tyg^2 (4q^2 - v^2 \Delta tyg^2)}}{4(q^2 v^2 \Delta txg^2 + p^2(-4q^2 + v^2 \Ddot{A}tyg^2))}$$

Please replace the formula shown on page 20 of the specification as follows:



$$X_r = (-1)^{g_x} \frac{\Delta txg\left\{q\sqrt{p^2 v^2 (4p^2 - v^2 \Delta txg^2)(4p^2 + 4q^2 - v^2 (\Delta txg - \Delta tyg)^2)\Delta tyg^2 (4q^2 - v^2 \Delta tyg^2)}\right\}}{4p\Delta tyg\,(q^2 v^2 \Delta txg^2 + p^2(-4q^2 + v^2 \Delta tyg^2))} +$$

$$(-1)^{g_x} \frac{\Delta txg\, p^2 v^2 \Delta tyg^2 (-4q^2 + v^2 \Delta tyg(-\Delta txg + \Delta tyg))}{4p\Delta tyg\,(q^2 v^2 \Delta txg^2 + p^2(-4q^2 + v^2 \Delta tyg^2))}$$

$$Y_r = (-1)^{g_y} \frac{q\, v^2 \Delta txg\,(-4p^2 + v^2 \Delta txg\,(\Delta txg - \Delta tyg))\Delta tyg}{4(q^2 v^2 \Delta txg^2 + p^2(-4q^2 + v^2 \ddot{A}tyg^2))} +$$

$$(-1)^{g_y} \frac{\sqrt{p^2 v^2 (4p^2 - v^2 \Delta txg^2)(4p^2 + 4q^2 - v^2 (\Delta txg - \Delta tyg)^2)\Delta tyg^2 (4q^2 - v^2 \Delta tyg^2)}}{4\,(q^2 v^2 \Delta txg^2 + p^2(-4q^2 + v^2 \ddot{A}tyg^2))}$$